

Case Studies – Major Capital Projects

Northstar Commuter Rail

Brian Lamb
General Manager
Metro Transit

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Regional Transit System



Northstar Commuter Rail



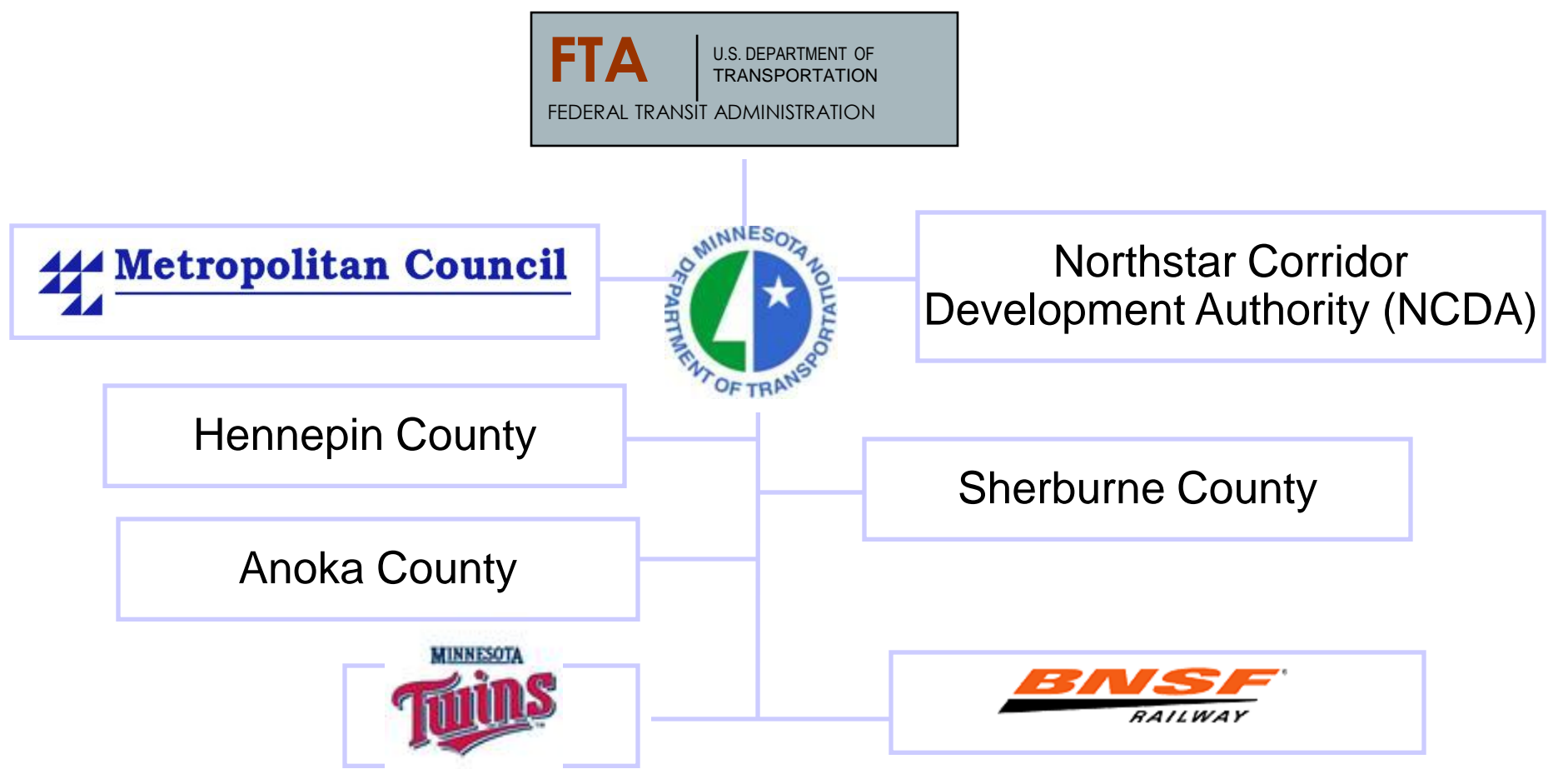
Northstar Commuter Rail



- 40 mile commuter rail
- 6 stations
- Weekday ridership
 - 4,100 in 2010
 - 5,900 in 2030
- Train trips
 - 5 peak inbound/outbound
 - 1 peak reverse direction
 - 3 weekend round trips,
 - 45 minute travel time



Northstar Organization Chart



Northstar Schedule Milestones

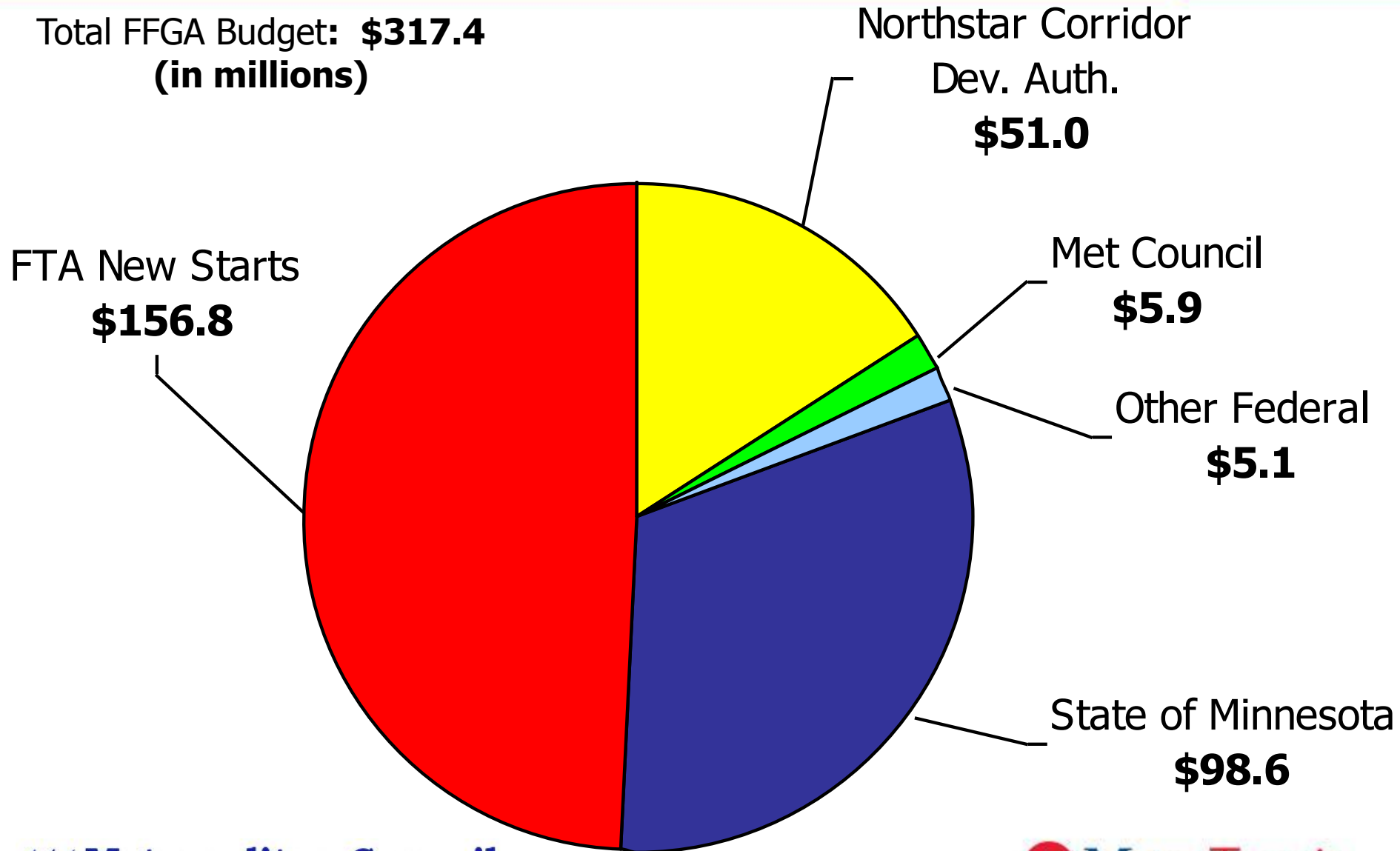


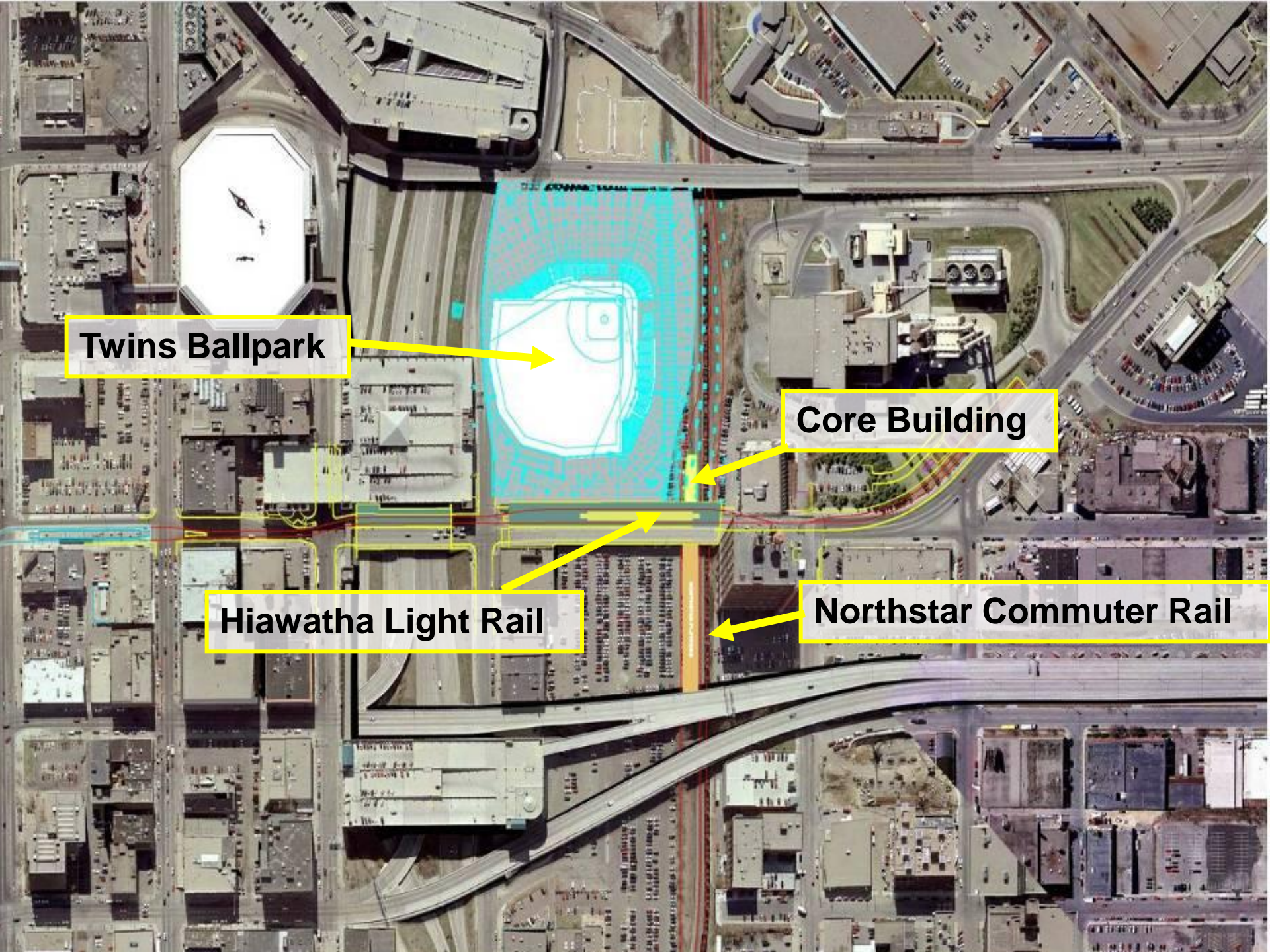
Aug. 2006	Utility Relocation Started Under Letter of No Prejudice
Sept. 2006	Northstar Receives Approval to Enter Final Design
Dec. 2007	Northstar Receives Full Funding Grant Agreement
June 2009	Commuter Rail Pre-Revenue Testing Begins
July 2009	Substantial Completion - Downtown and Suburban Stations
Jan. 2010	Revenue Operations Date (FFGA)

Northstar Funding Sources



Total FFGA Budget: **\$317.4**
(in millions)



An aerial photograph of downtown Minneapolis, Minnesota, showing various urban features. Overlaid on the map are several project-related elements: a cyan-colored rectangular area representing the 'Core Building' site, a yellow line representing the 'Hiawatha Light Rail' track, and a yellow line representing the 'Northstar Commuter Rail' track. A yellow arrow points from the 'Twins Ballpark' label to a white baseball field icon within the cyan area. Another yellow arrow points from the 'Core Building' label to the cyan area. A third yellow arrow points from the 'Hiawatha Light Rail' label to the yellow track line. A fourth yellow arrow points from the 'Northstar Commuter Rail' label to the yellow track line. The map also shows surrounding buildings, streets, and a highway interchange at the bottom.

Twins Ballpark

Core Building

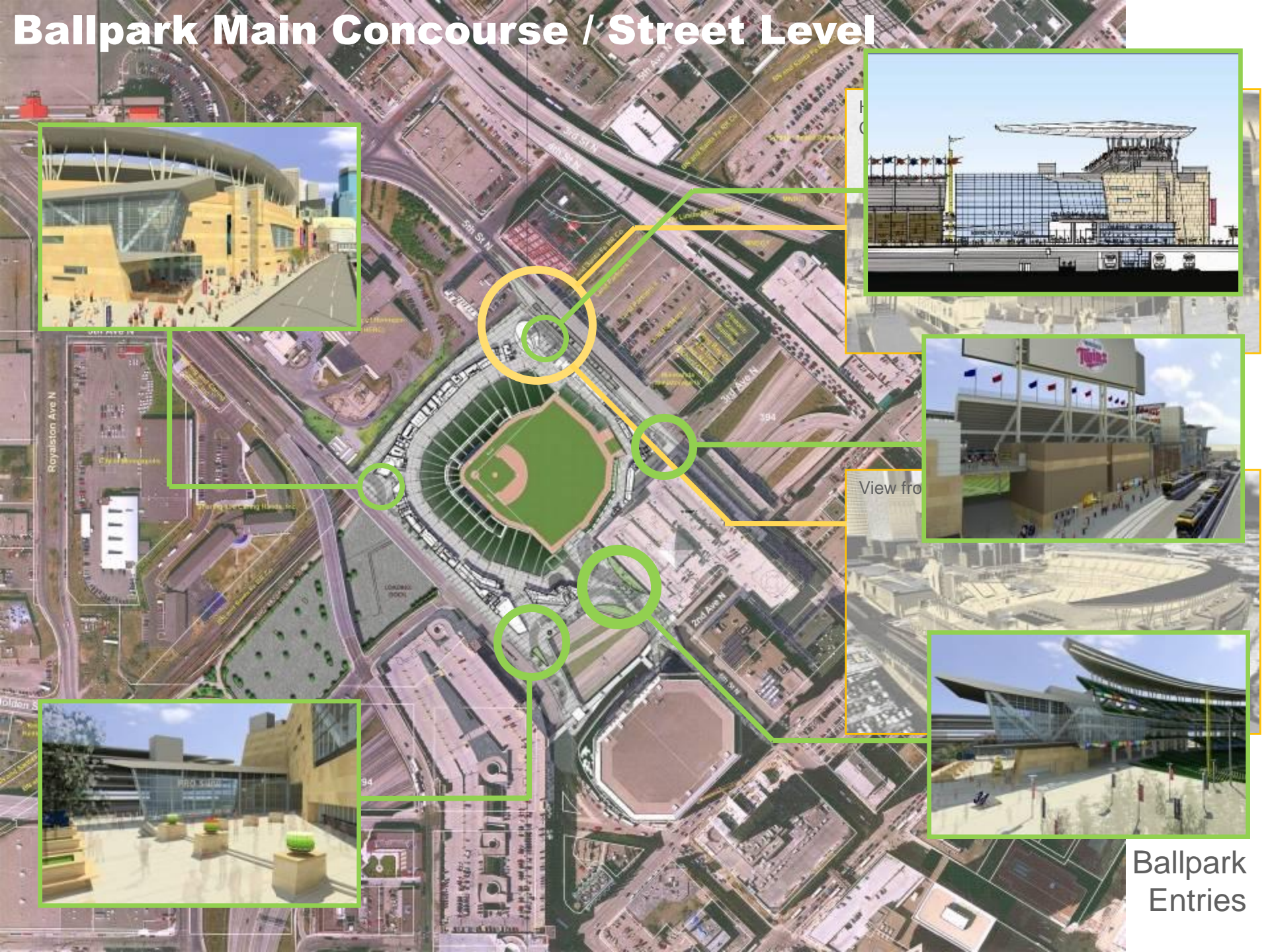
Hiawatha Light Rail

Northstar Commuter Rail

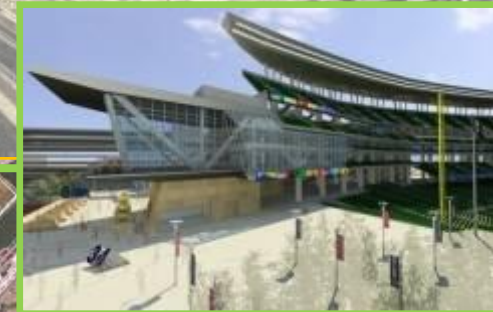
View of Ballpark When Completed



Ballpark Main Concourse / Street Level



View from



Ballpark
Entries



Northstar

- Minnesota Dept. of Transportation (MnDOT)
- Met Council/Metro Transit
- Anoka County
- Hennepin County
- Sherburne County
- Local Cities

Twins Ballpark

- Minnesota Ballpark Authority (MBA)
- Hennepin County
- City of Minneapolis

Northstar

- Minnesota Twins
- BNSF

Twins Ballpark

- Minnesota Twins
- BNSF

Ballpark Milestones



2004 Governor convenes Stadium Screening Committee

2005 Hennepin County & Minnesota Twins negotiate agreement to build ballpark without state funds

2006 Minnesota Ballpark Authority (MBA) created by State Legislature

Spring 2007 Ballpark begins site preparation

Spring 2010 Minnesota Twins play in new ballpark

- Applies “but for” principle with Ballpark
- Outlines each party’s access to site & timelines for work completion
- Provides for future operations and maintenance agreement
- Assigns responsibilities
 - Minnesota Twins pay for construction of Vertical Circulation Building
 - MBA pays for realignment of BNSF tracks to accommodate ballpark
 - MBA pays for changes to 5th Street Bridge abutment and deck to accommodate ballpark
 - Northstar provides LRT equipment contained within Vertical Circulation Building

- Provided for in cooperation agreement (currently under negotiation)
- Assigns responsibilities
 - MBA owns Vertical Circulation Building
 - Metro Transit a “tenant” in Vertical Circulation Building at no cost as needed for rail operations
 - MBA responsible for capital maintenance
 - Metro Transit responsible for routine maintenance and cleaning
 - Metro Transit responsible for utility costs

Twins Ballpark Construction



Commuter Rail Platform Construction



Commuter Rail Platform Construction



Vertical Circulation Building



Vertical Circulation Building



Hiawatha Light Rail Platform



